

# **IDEAL**

# **MEXICO SUPER 2**

## **RS & CF 40 - 60 Gas Boilers**

## **User's Instructions**

Ideal Mexico Super 2	Appliance G.C. No.	Ideal Mexico Super 2	Appliance G.C. No.
CF 40	41 429 45	RS 40	41 429 48
CF 50	41 429 46	RS 50	41 429 49
CF 60	41 429 47	RS 60	41 429 50

### **CAUTION**

To avoid the possibility of injury during the operation or cleaning of this appliance, care should be taken when handling the edges of sheet steel components

**NOTE:** *The appliances covered by this book are fitted with HONEYWELL gas controls*

## The Gas Safety (Installation and Use) Regulations: 1984

impose certain statutory obligations on gas users. Further information may be obtained upon application to the gas region.

It is the law that all gas appliances are installed by competent persons, e.g., CORGI (identified by  ) in accordance with the above regulations.

Failure to install appliances correctly could lead to prosecution. It is in your own interest, and that of safety, to ensure that the law is complied with.

### ELECTRICAL SUPPLY

If a mains plug is used it MUST be a 3-pin type, wired as shown in Fig.1 and fused at 3A.

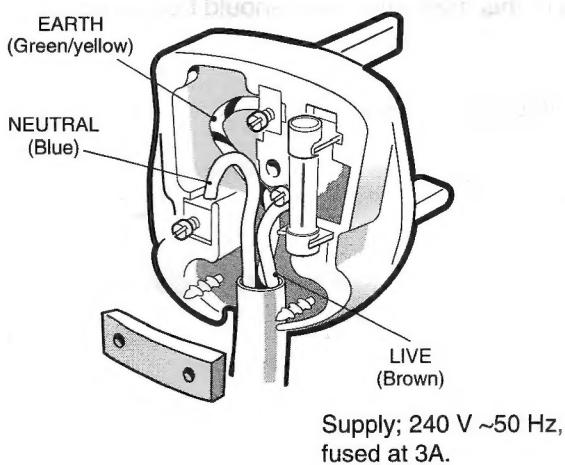
The appliance MUST be efficiently earthed.

As the colour of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:-

The wire which is coloured GREEN and YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol , or coloured GREEN or GREEN and YELLOW.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.



**Fig.1**

**THREE-PIN PLUG (To BS.1363)**

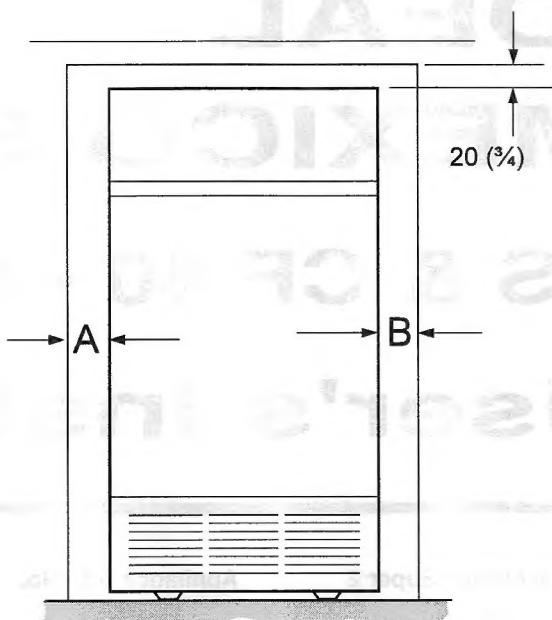
### MINIMUM CLEARANCES

The minimum clearances given in Tables 1 and 2 MUST be complied with, in order to maintain the safe running of the boiler.

<b>Table 1</b>	<b>RS 40, 50 and 60</b>	
At the top of boiler	mm (in)	20 (3/4)
At each side of the boiler	mm (in)	10 (3/8)

<b>Table 2</b>	<b>CF 40</b>	<b>CF 50 &amp; 60</b>
At the top of the boiler	mm (in)	20 (3/4)
MINIMUM at ONE side of the boiler	A or B mm (in)	10 (3/8)
MINIMUM total clearance standard boiler	A + B mm (in)	50 (2)
With optional concealment panel fitted	mm (in)	120 (4 3/4)
		120 (4 3/4)

Dimensions in mm (in)



**Fig. 2**

**BOILER CLEARANCES**

In addition, a MINIMUM clearance of 533 mm (21 in.) MUST be available at the front of the boiler for servicing.

### Notes:

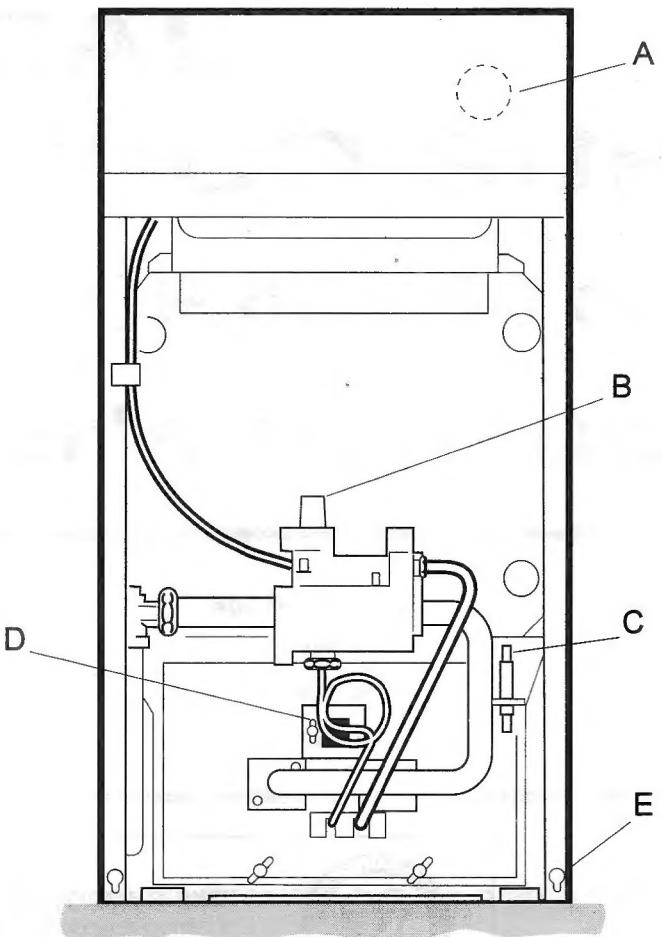
- (a) If the boiler is installed in a compartment then the compartment MUST NOT be used for storage purposes.
- (b) The ventilation provided for the boiler during installation MUST NOT be blocked and a check should be made periodically that the ventilation areas are free from obstruction.
- (c) If it is known or suspected that a fault exists on the boiler it MUST NOT be used until the fault has been corrected by a competent person.

It is essential that the instructions in this booklet are strictly followed for safe and economic operation of the boiler.

Inflammable materials must not be placed in close proximity to the appliance. Materials giving off flammable vapours must not be stored in the same room as the appliance.

### TO LIGHT THE BOILER - Refer to Fig. 3

1. Check that the electricity supply to the boiler is OFF.
2. Remove the lower front panel by lifting slightly and drawing it forward.
3. Open the control panel drop-down door and ensure that the thermostat knob (A) is in the OFF position.
4. Slide the gas control knob (B) to the RIGHT until resistance is felt and then release it.  
Wait for three minutes.
5. Push in and retain fully depressed the gas control knob (B). Press and release the ignition button (C) repeatedly until the pilot flame can be seen through the sight glass (D). When the pilot has lit, continue to press in the gas control knob (B) for a further 15 seconds.
6. Should the pilot go out at this or any other stage, slide the gas control knob (B) to the RIGHT and release it. Wait for three minutes and then repeat instruction 5, but wait longer than 15 seconds before releasing the gas control knob.
7. Switch ON the electricity supply to the boiler and check all external controls, e.g room thermostat etc., are ON.
8. Turn the boiler thermostat knob (A) to position 6 and the boiler will light. Set the boiler thermostat to the desired setting.



#### LEGEND

- A** Boiler thermostat knob
- B** Gas control knob
- C** Ignition button
- D** Sightglass
- E** Front panel location slots

**Fig. 3**

**Note: RS boiler shown**

**BOILER CONTROLS**

9. Refit the lower front panel by locating the bottom pegs in the slots (E) in the boiler casing sides and pushing the panel forward, lifting to engage the upper clips.

In full winter conditions (i.e., central heating and domestic hot water) the thermostat should be positioned at setting 5 or 6.

For summer conditions (i.e., domestic hot water only) the thermostat should be positioned at setting 2.

However, these settings are offered for general guidance only and other settings may be found preferable, dependent upon the type of system installed or as recommended by the installer.

#### TO SHUT DOWN THE BOILER

##### 1. For short periods:

Turn the boiler thermostat knob (A) to OFF. When heating is again required, restore the knob to original setting.

##### 2. For longer periods:

- (a) Turn the boiler thermostat knob (A) to OFF.
- (b) Turn the gas control knob (B) CLOCKWISE until resistance is felt and then release it to extinguish the pilot burner.
- (c) Switch the electricity supply to OFF.

#### WARNING:

If no frost protection is provided and frost is likely during a short absence from home, leave the heating controls (if fitted) at a reduced temperature setting.

For longer periods the entire system should be drained, including the domestic water supply.

If the system includes a frost thermostat then, during cold weather, the boiler should be turned OFF only at the time switch (if fitted).

The mains supply should be left switched ON and the boiler thermostat left in the normal running position.

#### CONTROL OF WATER TEMPERATURE

1. Set the boiler thermostat knob (A) to give the required temperature for central heating.
2. The boiler thermostat automatically switches the main burner OFF and ON to maintain the selected temperature.
3. The pilot burner remains alight continuously to give re-ignition of the main burner.

#### TO RELIGHT THE BOILER

Repeat the procedure from 1 - 9, detailed in 'To light the boiler'.

#### ESCAPE OF GAS

Should a gas leak be suspected contact your local gas region without delay.

*Do not search for gas leaks with a naked flame.*

#### CLEANING

For normal cleaning simply dust with a dry cloth. To remove stubborn marks and stains, wipe with a damp cloth and finish off with a dry cloth.

Do NOT use abrasive cleaning materials.

#### MAINTENANCE

Except for cleaning as above, the appliance should be SERVICED AT LEAST ONCE A YEAR - only by a qualified heating engineer or your local gas region.

**Note:** The appliance model is given on the Data Plate, located on the front of the boiler base plate behind the grille assembly.



**THIS SYMBOL IS YOUR  
ASSURANCE OF QUALITY**

These appliances are designed for use with Natural Gas only. They have been tested and conform with the provisions of BS. 6332 and BS. 5258.



**CERTIFIED PRODUCT**  
Manufactured under a BS 5750 Quality System accepted by BSI

**CARADON HEATING** pursues a policy of continuing improvement in the design and performance of its products. The right is therefore reserved to vary specification without notice.

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September 1994 101 184 A02

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Printed in England